R24651.P07

Form PTO-1449

\o., ,	· 40/3	
MAR 18	2004	
~	.67	

U.S. Department of Commerce Patent and Trademark Office

Atty. Docket No. Serial No. P24651 10/726,594

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant Akira GYOUTOKU et al.

## Filing Date Group 261 <del>.2852</del>-December 4, 2003 **U.S. PATENT DOCUMENTS FILING DATE EXAMINER DOCUMENT NUMBER** DATE NAME **CLASS SUBCLASS** IF APPROPRIATE INITIAL 345 3 8 0 9 04/30/02 MORITA et al. 589 6 4 HUP FOREIGN PATENT DOCUMENTS TRANSLATION **SUBCLASS** COUNTRY CLASS YES DOCUMENT NUMBER DATE Abs HCP 01/06/98 **JAPAN** 0 6 6 Abs 03/13/01 HOP 20 ı 6 3 **JAPAN** OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) HCP An article by C.W. TANG et al., Appl. Phys. Lett. Vol. 51, page 913, 1987. See above English Language Abstract of JP 10-1664. English Language Abstract of JP 2001-63136. 11. Harchitham DATE CONSIDERED EXAMINER

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

	P24651.P11																Sheet 1 of	
•	FORM PTO-1	M PTO-1449 U.S. I Pate								epartment of	Commerce have Office	Atty. Doci P24651	ket No.		Application No. 10/726,594			
	II	٧FO	RMA	ATIC	ON C BY	DISC APF	LOS LIC	URE AN 1	ST	ATEMENT	5 2004 CD	Applicant Akira GY	OUTOKU et					
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  WE DRAFF TO SUM PAPERS  Applicant Akira GYOUTOK Filing Date December 4, 2003														Group	2861		
										U.S. PAT	TENT DOC	UMENTS						
	EXAMINER INITIAL		ľ	ОС	UMI	ENT	NUI	MBE	R	DATE	NA	ME CLASS SU			CLASS	FILING DATE IF APPROPRIATE		
	Her 5 7 5 1 3 2 7						7	05/21/98	DE COCK	et al.	347	13	0					
	GR 6 1 2 1 9 9 5				09/19/00	KATTNE	R	347	2	38.								
	HZP				01/11/00	ЕМА		62	3.	7								
		ļ_		<u> </u>	L	_	ļ											
		ļ_	ļ	<u> </u>	_	_	ļ		<u> </u>			100	ļ					
		_	<u> </u>	<u> </u>	ļ	ļ_	ļ		ļ				<u> </u>					
-		-	<del> </del>	<u> </u>	-	├	-		<u> </u>	<u> </u>			ļ	ļ				
1		-	-	╀	-	-	-		-					ļ				
}		ļ	-	-	-	├-	├-		<del> </del>			<del></del>	<u> </u>					
-				-	-	<del> </del>	$\vdash$	<del> </del> -	-				<del>                                     </del>	-				
					-	$\vdash$			-		<u></u>		ļ <u>.</u>			<u> </u>		
				<del> </del>	-	<del>  -</del>	-				ļ		<del>                                     </del>			<u> </u>		
	<del>-</del> · · · · · · · · · · · · · · · · · · ·		<b></b>		<del> </del>			<u> </u>						<del> </del>				
İ		٠				·	L	l		FOREIGN I	PATENT DO	CUMENT	rs	l				
Ì										<u> </u>	T					TRANSI	LATION	
			DOCUMENT NUMBER				R	DATE	ļ	NTRY	CLASS	SUBCLAS		YES	NO			
the	<b>★</b> 20	0	1	-	6	3	1	3	6	03/13/01	JAPAN					Abs		
,	HEP	_	0	9	1	6	5	0	6	05/19/99	E.P.O.	<del></del>					ļ	
-	BEP		0,	5	5	0	1	9	0	07/07/93	E.P.O.			ļ				
}		-		-	<del> </del>	├		_	<b> </b>			<del>.</del>	<u> </u>				·	
	OTHER DOCUMENTS (Including Austral Title Date Date Date Date Date Date Date Dat																	
-	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.).  1 English Language Abstract of JP 2001-63136. / See above)																	
ŀ	10/11	-	-	E	igusi	Lai	igua	ge A	pstra	ici 01 JP 200	1-03130.	( gos	Q 1904 +	<del>e</del> )	.——			
ŀ		-	-	<del> </del>		-					·			· · · · · · · · · · · · · · · · · · ·	*****			
ŀ		$\vdash$			•													
Ì		$\vdash$	$\vdash$	-														
Ì					-								· · ·			<del></del>		
		$\Box$													v			
Ì													· · · · · ·					
4							9 8 2											
	EXAMINER	H	a	`cl	i A	ىم	u.				DA	TE CONSII	DERED 9	1/27	105			
	*EXAMINER													0'9; dra	w line thr	ough citatio	on if not in	

considered. Include copy of this form with next communication to applicant.

\* NOT found (Found though £AST Search)

FO	RM P	ΓO-14	149								partment of tand Traden		Atty, Docket P24651		Application No. 10/726,594				
6	TP E		OR		I	BY A	<b>APPL</b>	<b>JICA</b>	TN	OKU et al	1								
	V 0 3	2004	OFFICE	(Us	e se	veral	she	ets if	nece	essar	y)	Filing Date December 04			Group 2852			2861	
U.S. PATENT DOCUMENTS																			
EXAMINER																	FILING DATE		
n	NITIA	L		<u> </u>	DOCUMENT NUMBER					R	DATE		AME	S	SUB	CLASS	IF APPROPRIATE		
		$\rightarrow$		5						7	05/21/98	DE COCK		/	_	0 .			
<u>N</u> ,	/A			6	<del>                                     </del>			09/19/00	KATTNE	R	7	Duplicate							
				6	<del>-}}</del>			01/11/00	EMA		<u>ر</u>								
H.	w			6	1	2	1	9	9	4	09/19/00	KURIBAY	ASHI et al.	347	237				
																	<u> </u>		
				<u> </u>															
				-			-												
		<u> </u>			<u> </u>		-		_					<del> </del>					
					-		-												
					_		-	<u> </u>						-					
				-		-		-						<u> </u>					
				-	-	<del>                                     </del>			$\vdash$										
			L		<u> </u>	<u> </u>	l	l	L		ODEICN D	ATENT DO	CUMENTS						
FOREIGN PATENT DOCUMENTS TRANSLATION														ATION					
				ם	OCI	JME	ENT	NUI	иве	R	DATE	сои	NTRY	CLASS	SUB	CLASS	YES	NO	
De.	Her 2001		01	-	0	6	3	1	3	6	03/13/01	JAPAN	JAPAN		_	_	Abs		
1				0	9	1	6	5	0	6	05/19/99	E.P.O		_		_			
				0	5	5	0	1	9	0	<sub>,</sub> 07/07/93	E.P.O		-		-			
		02		1		1	5	6	4	5 €	02/21/02	W.I.P.O				_			
AZ	R			0 7 3 1 6 2 5		56	09/11/96	E.P.O											
					(	OTH	ER	DOG	CUM	EN'	TS (Includir	ng Author,	Title, Date, Pe	rtinent Pa	ges, Et	c.)			
N/A   1 English language Abstra									e Ab	strac	ct of JP 2001-063136. ( See above)								
HED				2	S.	S. LAMANSKY et al., Journal of Applied Physics, Vol. 92, No. 3, August 1, 2002, pp. 1570-1575.													
Hed				3	C.	C. ADACHI et al., Applied Physics Letters, Vol. 78, No. 11, March 12, 2001, pp. 1622-1624.													
4 R.C. KWONG et al., Ad							NG (	et al.,	Adv	vanced Materials, Vol. 12, No. 15, August 2, 2000, pp. 1134-1138.									
																•		·	
																		_	
					<u></u>														
	AMIN					_							TE CONSIDE		7/2	7/25			
													nformance with		09; drav	v line thr	ough citatio	n if not in	
COL	поппа	nice g	uiu IIC	v co	11510	ti ¢Q.	. INC	ıudę	cop	y OI I	niis iouu Mji	II HEYL COUNT	nunication to ap	pricant.					